

LOWERPLACE (INFANT) PRIMARY SCHOOL (450W PANELS)
Charter Street 2, Rochdale, OL16 4TQ, United Kingdom | 1 Mar 2023



SYSTEM OVERVIEW

 80 PV modules

 1 Inverter

 40 Optimizers

SIMULATION RESULTS



Installed DC Power
36.00 kWp



Max Achieved AC Power
25.00 kW



Annual Energy Production
27.14 MWh



CO2 Emission Saved
5.25 t



Equivalent Trees Planted
241

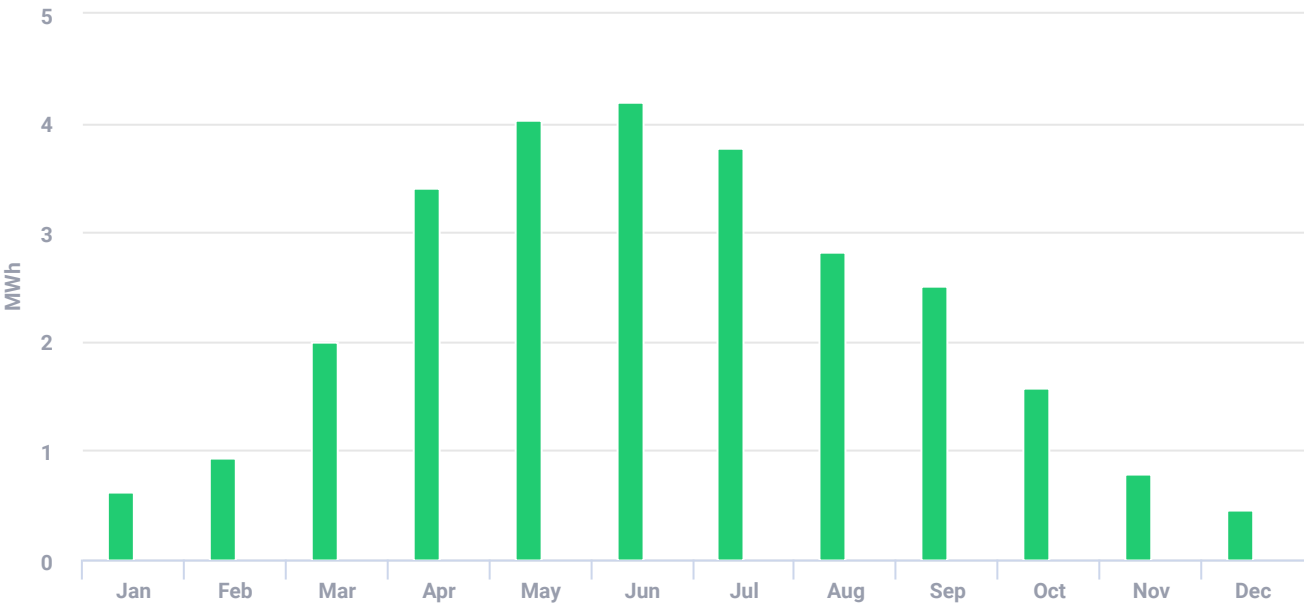
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ESTIMATED MONTHLY ENERGY

Solar Production Clipped Energy



Total clipped energy: 0.04%

PV MODULES

# Module	Model	Peak power	Racking type	Orientation	Azimuth	Tilt
24	Longi Solar, LR4-72HBD-450M	10.8 kWp			349°	35°
28	Longi Solar, LR4-72HBD-450M	12.6 kWp			169°	29°
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Total:	80	36 kWp				